

Converting Colors

YUV(186.4320, -38.6670,
35.5781)

Have a look what the booklet for
YUV(186.4320, -38.6670, 35.5781)
contains.

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Color

**YUV(186.4320, -38.6670,
35.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B56C
RGB	227, 181, 108
RGB Percent	89%, 71%, 42%
CMY	0.1098, 0.2902, 0.5765
CMYK	0.00, 0.20, 0.52, 0.11
HSL	37°, 68%, 66%
HSV	37°, 52%, 89%
XYZ	50.9092, 50.4614, 21.2442
YIQ	186.4320, 50.8490, -12.9510

Conversions

Conversions Part 2

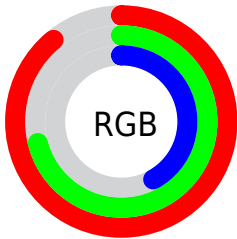
Format	Color
RYB	183, 227, 108
Decimal	14923116
CIELab	76.35, 7.99, 43.23
CIElCh	76, 43.960, 79.525
Yxy	50.4614, 0.4152, 0.4115
Android (android.graphics.Color)	4293113196 (0xFFE3B56C)
YUV	186.4320, -38.6670, 35.5781
Hunter-Lab	71.0362, 3.6116, 31.9940

Details

The YUV color $186.4320, -38.6670, 35.5781$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $148.5680, 38.6670, -35.5781$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.7180, -35.8500, 18.6643$, and $132.2790, -36.6195, 32.2043$ is the 20% darker color. If you saturate the color by 10%, you get $178.5270, -46.1088, 42.5108$, and if you desaturate by 10%, it is $194.3370, -31.2251, 28.6455$.

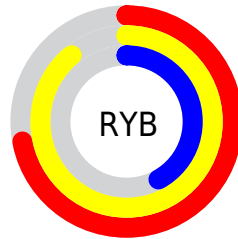
Distribution



Red (89%)

Green (71%)

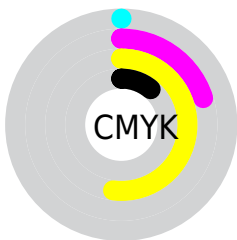
Blue (42%)



Red (72%)

Yellow (89%)

Blue (42%)

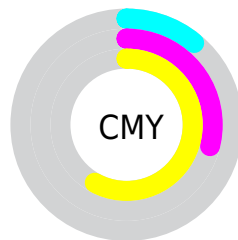


Cyan (0%)

Magenta (20%)

Yellow (52%)

Black (11%)



Cyan (11%)

Magenta (29%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.4320, -38.6670, 35.5781 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 186.4320, -38.6670, 35.5781 by changing the saturation by 10% instead.

186.4320,
-38.6670, 35.5781

186.4320,
-38.6670, 35.5781

255.0000, 0.0000,
0.0000

159.0620,
-37.4986, 34.1486

233.7180,
-35.8500, 18.6643

132.2790,
-36.6195, 32.2043

247.3620,
-29.2655, 6.6985

106.3820,
-36.1773, 30.3600

250.5540,
-17.0351, 3.8991

80.7300, -37.3349,
28.3008

253.8600, -4.3680,
0.9998

59.4720, -29.3197,
24.1421

38.4850, -18.9731,
18.8687

19.2700, -9.5001,

13.7952

■ 0.0000, 0.0000,
0.0000

■ 186.4320,
-38.6670, 35.5781

■ 186.4320,
-38.6670, 35.5781

■ 178.5270,
-46.1088, 42.5108

■ 194.3370,
-31.2251, 28.6455

■ 170.7360,
-53.1138, 49.3435

■ 202.1280,
-24.2201, 21.8127

■ 163.4180,
-60.8451, 55.7614

■ 209.4460,
-16.4889, 15.3949

■ 155.5130,
-68.2869, 62.6941

■ 217.3510, -9.0470,
8.4622

■ 149.4660,
-73.6867, 67.9973

■ 225.2560, -1.6052,
1.5295

■ 233.0470, 5.3998,
-5.3032

■ 238.9970, 7.8895,
-10.5214

■ 244.2800, 5.2850,
-15.1546

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188.8660, -30.0069, 57.9995



186.4320, -38.6670, 35.5781



182.6300, -35.8066, 4.7095

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



186.4320, -38.6670, 35.5781



147.6660, 32.7027, -129.5031



193.3650, 23.4841, 27.7439

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



186.4320, -38.6670, 35.5781



148.5680, 38.6670, -35.5781

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



187.6200, 33.2183, -14.5757



186.4320, -38.6670, 35.5781



149.3080, 49.1482, -130.9431

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



186.4320, -38.6670, 35.5781



167.7060, 2.1169, -72.5332



174.3100, 39.7802, -66.0469



192.2470, 5.7942, 55.0344

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



186.4320, -38.6670, 35.5781



179.3650, -27.2949, -18.7371



174.3100, 39.7802, -66.0469



192.6560, 28.7636, 14.3337

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



186.4320, -38.6670, 35.5781



240.9340, -13.2785, 12.3359



149.0530, 3.4249, 68.3595



119.2800, -8.0260, 7.6474



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



186.4320, -38.6670, 35.5781



200.2520, -52.3822, 48.0140



209.8460, -50.2101, 4.5201



110.6970, -3.7946, 3.7737



118.0910, -58.2189, 53.4172



33.4460, -16.4889, 15.3949

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



148.5680, 38.6670, -35.5781



148.7480, 52.3822, -48.0140



125.1540, 50.2101, -4.5201



107.3030, 3.7946, -3.7737



60.9090, 58.2189, -53.4172



17.5540, 16.4889, -15.3949

Previews

White Background



This preview shows how the YUV color 186.4320, -38.6670, 35.5781 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 186.4320, -38.6670, 35.5781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 186.4320, -38.6670, 35.5781

Background



This preview shows how black text looks on a background with the YUV color 186.4320, -38.6670, 35.5781.



This preview shows how white text looks on a background with the YUV color 186.4320, -38.6670,

35.5781.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

186.4320, -38.6670, 35.5781

Protanopia

185.4900, -36.7236, 18.8643

Deuteranopia

186.7420, -38.8198, 37.9373



Tritanopia

192.0200, -3.4609, 36.8165

Trichromacy



Original Color

186.4320, -38.6670, 35.5781

Protanomaly

185.7080, -37.3240, 24.8121

Deuteranomaly

186.4430, -38.6724, 37.3225

Tritanomaly

189.6920, -16.1172, 36.2271

Monochromacy



Original Color

186.4320, -38.6670, 35.5781

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.1190, -13.8627, 13.0506

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.4320, -38.6670, 35.5781 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 181, 108)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 108)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 181, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 108) }
```

Border

The CSS property to change the border of an element to YUV 186.4320, -38.6670, 35.5781 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 181, 108) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 181, 108) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(227, 181, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 108);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 186.4320, -38.6670, 35.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 108) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
181, 108) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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